

illustrated and is unique as a record of experience in growing ground cover plants. Also during the year the revised edition of "Crab Apples for America" was published by the American Association of Botanical Gardens and Arboretums. Dr. Wyman was chairman of the committee which compiled the data and was responsible for its publication.

Three issues of the *Journal of the Arnold Arboretum* were published under the editorship of Dr. C. E. Kobuski. The fourth number of this magazine, which is normally a quarterly, was issued as a double number dedicated to Professor I. W. Bailey during the previous fiscal year. Twelve numbers of *Arnoldia* were published and issued as seven units, two of which were combined numbers. These were "Christmas Plants for the Boston Area" and the Arboretum's "Spring Planting Notes."

A sample treatment of the Malvaceae was issued on behalf of the Flora of China project. This monographic treatment of the family was written by Dr. Hu and printed by the Tudor Press. In 1953 Dr. Hu was awarded first prize in a Project Suggestion Contest sponsored by the Continental Development Foundation. The problems of preparing a flora of China was the subject of Dr. Hu's essay and the suggestion was considered by the committee to be worthy of further support. With grants from the China International Foundation, work was begun as proposed in the essay, using the library and herbarium resources of the Arnold Arboretum to compile in card catalogue form data on the occurrence, distribution and publication of vascular flowering plants of China. This card catalogue represents the most complete and up-to-date catalogue of vegetational records for the Asiatic mainland and will serve as the basis for future work in forestry, horticulture, floristics and agriculture. The catalogue is available for the use of all qualified visitors to the Arboretum and requests for information from other areas will be filled by photocopy or typescript at cost. To demonstrate the type of work which can be done using these cards and as a possible format for future publications towards a flora of China, Dr. Hu prepared the recently published treatment of the Malvaceae. It is hoped that other botanists will utilize the card resources made possible by the generosity of the trustees of the China International Foundation and that additional family treatments can be published as manuscript and funds are available.

#### Bibliography of the Published Writings of the Staff and Students

July 1, 1955—June 30, 1956

- COGGESHALL, ROGER G. Forcing woody plants for flower show bloom. *Am. Nurseryman* 103<sup>2</sup>: 7, 8, 62, 63. 1956.
- Increasing plants in home gardens. *Horticulture* 34: 279–282. 1956.
- Polyethylene plastic — Its use for the propagation of holly. *Am. Nurseryman* 102<sup>11</sup>: 12, 13, 80–83. 1955.
- HOU, DING. A revision of the genus *Celastrus*. *Ann. Mo. Bot. Gard.* 42: 215–302. 1955.
- HOWARD, RICHARD A. The Director's Report. The Arnold Arboretum during the fiscal year ended June 30, 1955. *Jour. Arnold Arb.* 36: 403–430. 1955.

- HOWARD, RICHARD A. The International registration of cultivar names. *Am. Nurseryman* 103<sup>11</sup>: 62, 63. 1956.
- Museum for living plants. *Horticulture* 36: 347–349, *illust.* 1956.
- Notes from the International Horticultural Congress. *Newsletter Am. Assoc. Bot. Gardens & Arboretums* 25: 11–16. 1956.
- & CARROLL E. WOOD, JR. Christmas plants in the Boston area. *Arnoldia* 15: 61–84, *pl.* 11–14. 1955.
- HU, SHIU-YING. *Flora of China*. Family 153 Malvaceae. 1–80, *pl.* 1–24. 1955.
- Malva — A herb of high nutritive value. *Herbarist* 22: 22–30, *pl.* 1, 2. 1956.
- A monograph of the genus *Philadelphus*. *Jour. Arnold Arb.* 36: 325–368. 1955; 37: 15–90. 1956.
- KOBUSKI, CLARENCE E. Studies in the Theaceae, XXVIII. *Melchiora*, a new genus in Africa. *Jour. Arnold Arb.* 27: 153–159. 1956.
- MCKELVEY, SUSAN DELANO. Botanical exploration of the Trans-Mississippi West 1790–1850. *i-xl*, 1–1144, 11 maps. 1956.
- SAX, KARL. Evaluation of recombination theory. *Jour. Cell. & Comp. Physiol.* 45: 243–247. 1955.
- Paste the poison ivy. *Arnoldia* 16: 5–8, *pl.* 2. 1956.
- Pflanzenzuchtung im Arnold Arboretum. *Deutsche Baumschule* 7: 177–183. 1955.
- Standing room only. Boston, Beacon Press. 1–206. 1955.
- The story behind dwarf fruits. *Horticulture* 34: 203, 233. 1956.
- What is new in plant propagation? *Nat. Hort. Mag.* 35: 116–118. 1956.
- & ALAN Q. DICKSON. Phloem polarity and bark regeneration. *Jour. Arnold Arb.* 37: 173–179. 1956.
- SCHWARTEN, LAZELLA. Index to American Botanical Literature. *Bull. Torrey Bot. Club* 82: 313–323, 407–418, 511–524, 1955; 83: 84–92, 174–181, 241–251. 1956.
- WOOD, CARROLL E., JR. (with R. A. Howard) Christmas plants in the Boston Area. *Arnoldia* 15: 61–84, *pl.* 11–14. 1955.
- WYMAN, DONALD. Arboretum spring planting notes. *Arnoldia* 16: 17–27, *pl.* 6–8. 1956.
- Cotoneasters. *Arnoldia* 15: 53–60, *pl.* 9, 10. 1956.
- Crab apples for America. *Am. Assoc. Bot. Gardens & Arboretums.* 1–63. 1955.
- Eighty trees for the small place. *Arnoldia* 16: 9–15, *pl.* 3–5. 1956.
- Ground cover plants. New York, Macmillan Co., 1–175, *illust.* 1956.
- Ground covers. *Nat. Hort. Mag.* 35: 76–79, *illust.* 1956.
- Ground covers to the rescue. *Flower Grower* 42: 61, 72–73, *illust.* 1955.
- *Potentilla fruticosa* — A common but little known plant. *Arnoldia* 15: 45–52, *pl.* 7, 8. 1955.
- Ten shrubs that are outstanding. *Horticulture* 33: 429, 445, 453, *illust.* 1955.

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